

digital



Extend Your Network to Include Remote Sites

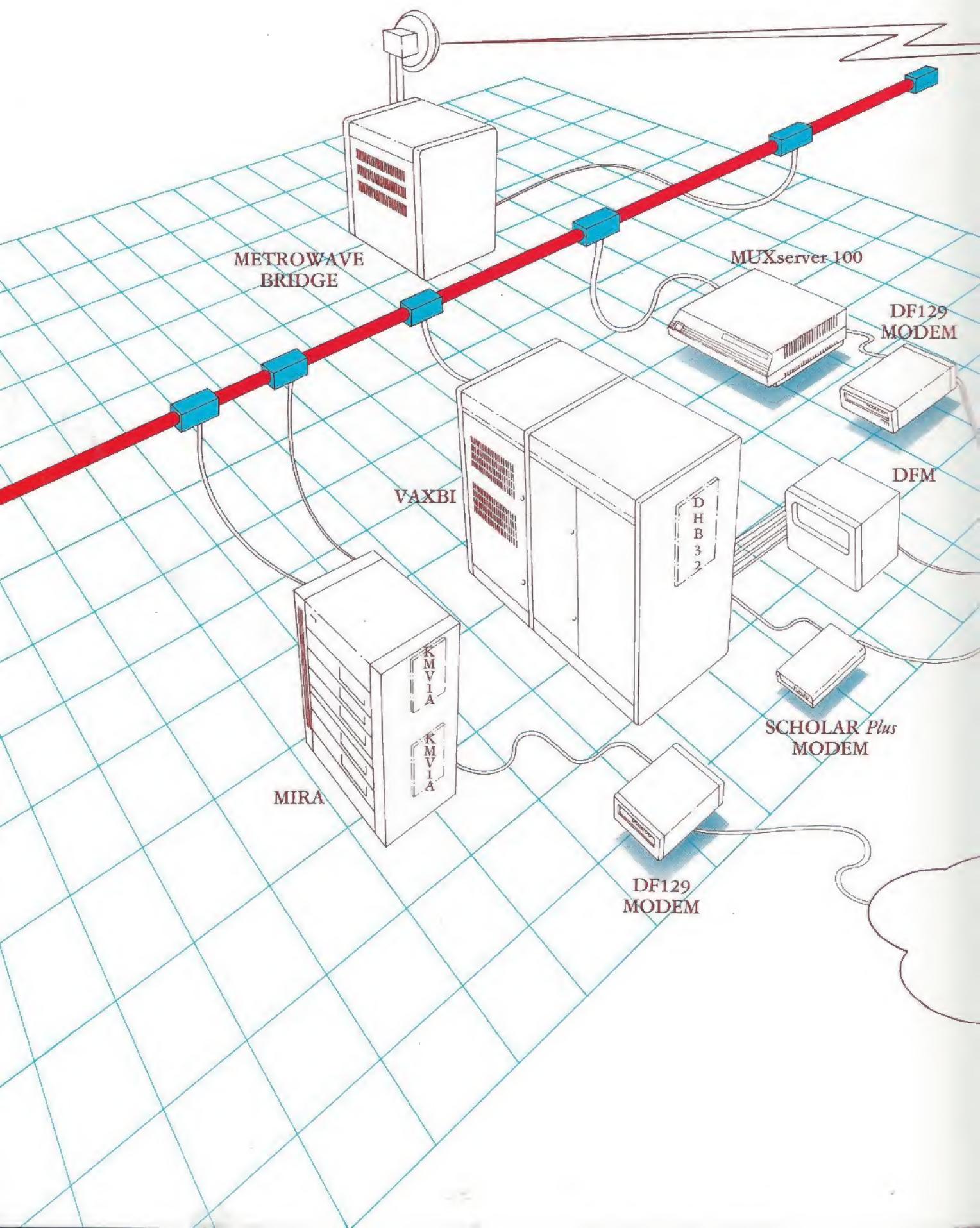
A key advantage to Digital's style of network computing is the ability to enable users located anywhere in the network to access distributed computer resources located anywhere else in the network. When the network is contained locally within a single site, the preferred communications solution is an Ethernet LAN configured with DECservers and LAN Bridge 100s.

However, the network may need to be expanded to include remote sites either in a campus environment or over long distances. In these cases, Digital provides a variety of solutions for extending local area network capabilities through its Remote Terminal Network products. Remote sites can easily connect to a LAN through various configurations via phone lines, X.25 networks, or microwave links. Solutions are provided for remote sites that have only one user, a small number of users, or a large number of users having their own Ethernet.

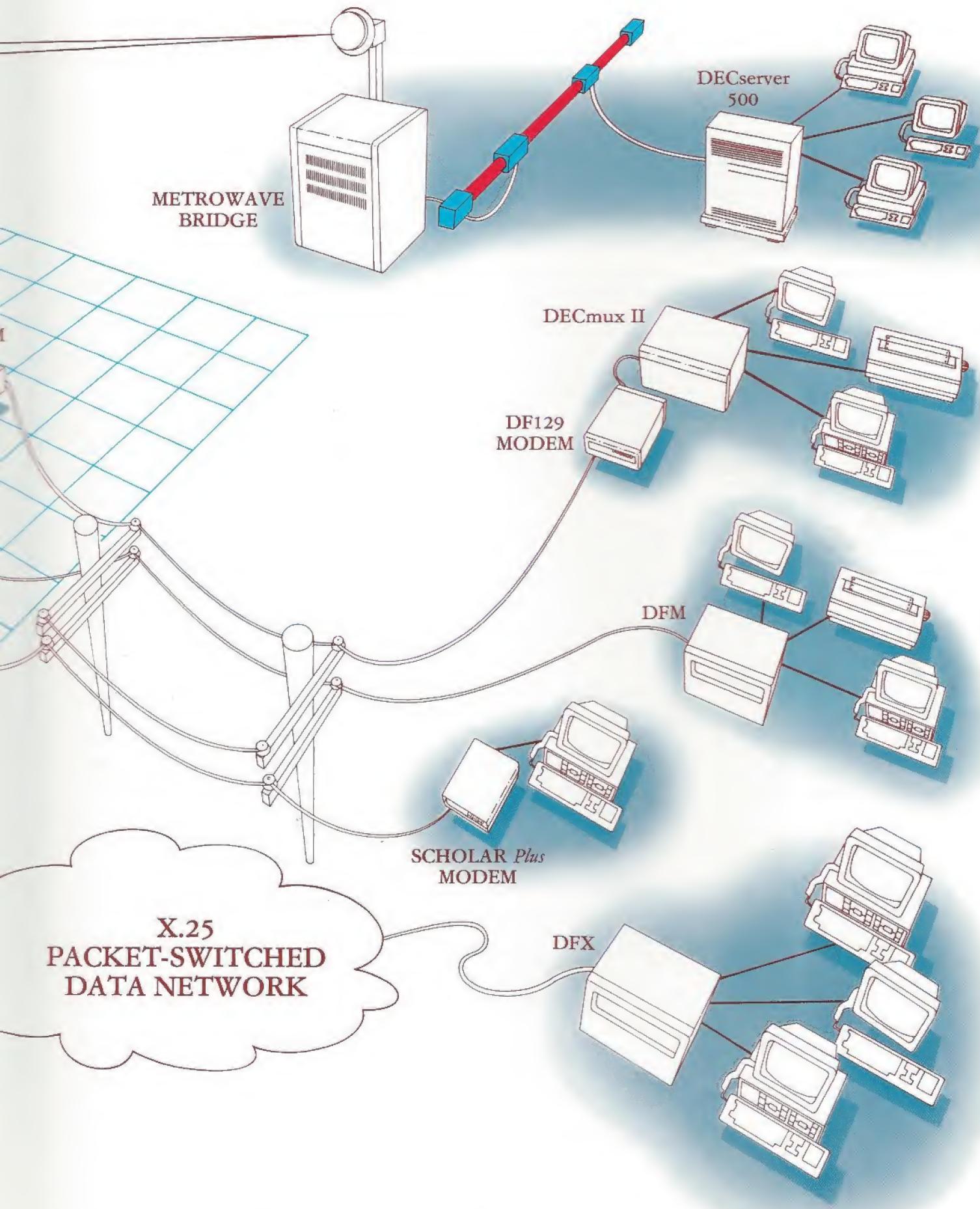
System needs are also met with an offering of communications controllers which link Digital CPUs to remote users. In addition, a high availability solution is offered which insures that downtime for remote sites is kept to a minimum.

The Remote Terminal Network products solve the problem of linking remote sites to a local network. There is a choice of solutions, covering a wide variety of applications and offering the flexibility that is needed as your network grows.

REMOTE TERMINAL



NETWORK PRODUCTS



Remote Terminal Network Products

Digital offers the following Remote Terminal Network products for providing efficient and cost-effective communications solutions.

SCHOLAR Plus Modem	Connects a remote terminal over a dial-up or leased phone line at up to 2400 bits per second; provides security against unauthorized users, error correction for data integrity, and "AT" compatibility.
DHB32 VAXBI Communications Controller	Connects up to 16 asynchronous devices directly to a VAXBI CPU; emulates the asynchronous portion of the DMB32 Multifunction VAXBI Communications Controller.
DFM Statistical Multiplexer	Concentrates up to 16 remote terminals at one site through one leased phone line for communication to a local CPU; includes data switching for resource sharing and optional integral modems.
MUXserver 100/DECmux II Remote Terminal Server	Concentrates up to 16 remote terminals or printers at one or two sites through one leased phone line for communication to a local Ethernet LAN; functions as a combined statistical multiplexer and terminal server for extending the Ethernet network.
DF129 Modem	Connects various communications products over one leased phone line at up to 9600 bits per second.
KMV1A Communications Controller	Single-line module operating at up to 19,200 bits per second which connects a MicroVAX to a communications network, such as an X.25 network.
DFX X.25 PAD (Packet Assembler/Disassembler)	Connects up to 16 asynchronous devices at one site through an X.25 network for communication to remote X.25 destinations; includes local channel switching for resource sharing and optional integral modems.
MIRA High Availability Microsystems	A MicroVAX configuration which uses a backup MicroVAX to reduce downtime through automatic switching of communications lines.
METROWAVE Bridge	Connects two or more facilities in which Ethernet LANs are installed via a 23 gigahertz microwave link; extends the LAN over line-of-sight distances of up to 4.5 miles for a single link at full Ethernet speed of 10 megabits per second.

For more information on Digital's Remote Terminal Network products, please call: 1-800-832-6277.

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